

AFB0912LB Delta 12VDC 92x92x15mm Ball Bearing Axial Fan Datasheet



Brand: Delta

SKU: 985228333199

Category: Axial & Centrifugal Fans

Price: **\$11.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0912lb-delta-12vdc-92x92x15mm-ball-bearing-axial-fan>

Product Description

The Delta AFB0912LB is a precision-engineered DC Axial Fan designed for applications requiring a compact thermal solution within a slim 15mm profile. Utilizing a highly efficient DC brushless motor architecture paired with a robust dual ball bearing system, this unit ensures minimized friction and extended operational longevity under continuous loads. The impeller geometry is optimized to balance static pressure with airflow, effectively managing thermal impedance in restricted enclosures. Constructed with UL94V-0 rated thermoplastic PBT, the frame offers superior structural rigidity and vibration damping, making it an ideal component for industrial electronics and telecommunication hardware requiring reliable forced-air convection.

Model Number: AFB0912LB

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.12 A

Power Input: 1.44 W

Rated Speed: 2300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 36.80 CFM (62.52 m³/h / 1.04 m³/min)

Max. Static Pressure: 2.60 mmH₂O (25.49 Pa / 0.10 inH₂O)

Dimensions: 92x92x15mm

Weight: 68.0 g

Noise Level: 29.0 dB-A

Life Expectancy: 70,000 Hours at 40°C

Termination: 2-Wire (Red/Black)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Insulation Class: Class A

Protection: Locked Rotor Protection, Polarity Protection

The AFB0912LB is engineered for integration into space-constrained electronic assemblies where vertical clearance is limited, such as 1U server chassis, rack-mounted telecommunications equipment, and compact power supply units. Its slim 15mm form factor allows the AFB0912LB to provide critical airflow in tight component layouts, ensuring thermal stability for sensitive semiconductors and heat sinks in industrial automation controllers and medical instrumentation.

Supplemental Images

